



Pulsed Field Gel Electrophoresis System LX7051GES

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Description

Pulsed Field Gel Electrophoresis System LX7051GES, with 120 × 120 mm gel dimensions, is designed for routine electrophoresis with moderate throughput. It enables efficient sample loading, reduces handling time, and supports programmable run modes for flexible protocols. Safe electrode shielding enhances operator safety, while its low power consumption ensures energy efficiency without sacrificing performance.

Specifications

Gel dimension (W x L)	120 x 120 mm
Buffer volume	3000 ml
Sample capacity	9~13
Temperature detection	±0.1°C
Separation fragment	100bp-6Mb
Voltage gradient	Max: 0.5V/cm ~ 9.5V/cm
Maximum current	0.5 A
Pulse angle	±120°
Pulse width	1~99,999 seconds programmed pulse or 0.01~99.99s line increase pulse
Power supply dimension	280 x 240 x 110 mm
Pulse tank dimension	465 x 445 x 142 mm
Output control allocation dimension	465 x 445 x 100 mm
Constant temperature circulator	196 x 406 x 482 mm

Net weight	47 Kg
Packing dimension (L x W x H)	590 x 580 x 330 mm 750 x 740 x 590 mm 490 x 310 x 590 mm
Gross weight	18 Kg 26 Kg 23 Kg

Features

- ✓ Multiple pulse modes for different DNA fragments
- ✓ Multi-function clock with leap year and daylight saving correction
- ✓ Digital and shortcut keys, error correction and program correction function
- ✓ Pause, resume, and power outage recovery
- ✓ Records experimental data
- ✓ Moulded electrode frame, durable platinum electrodes of 0.5 mm
- ✓ Free program database upgrades

Applications

- ✓ This is mainly used to separate and analyze large DNA molecules. It is commonly applied in chromosomal DNA separation, field construction, large genomic library analysis, transgenic research identification.

Standard Accessories

- ✓ Power supply x 1 Pcs
- ✓ Pulsed Electrophoresis tank x 1 Pcs
- ✓ Constant temperature circulator x 1 Pcs
- ✓ Gel casting x 1 Pcs
- ✓ 120 ×120mm Gel tray x 1 Pcs

- ✓ Gel pad x 1 Pcs
- ✓ 2.0 mm Thickness 9-well comb x 2 Pcs
- ✓ 2.0 mm Thickness 13-well comb x 2 Pcs
- ✓ Sample module x 2 Pcs
- ✓ Sample exporter x 2 Pcs
- ✓ Level x 1 Pcs
- ✓ Clip x 2 Pcs
- ✓ Circular tube x 3 Pcs
- ✓ Level adjusting button x 4 Pcs
- ✓ Control line x 2 Pcs
- ✓ Electrical cables x 1 Pcs
- ✓ Power cable x 1 Pcs



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